

# Notice of Allowability

Application No.

09/592,791

Examiner

Devona E. Faulk

Applicant(s)

WATANABE, KEITA

Art Unit

2615

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/7/2006.
2. ☒ The allowed claim(s) is/are 4-11.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

### **DETAILED ACTION**

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 8/7/2006 has been entered.
2. The applicant's arguments, filed 6/23/2006, with respect to claim 11, regarding the amended claim language have been fully considered and are persuasive. The examiner has determined that the claims are in allowable form.

### ***Allowable Subject Matter***

3. Claims 4-11 are allowed.
4. The following is an examiner's statement of reasons for allowance: Regarding claim 11, prior art Chen (US 5,867,090) discloses a diaphragm buzzer. Prior art Lai (US 5,719,549) discloses a buzzer assembly. Prior art Lu (US 5,296,839) discloses a sound generating apparatus. Prior art Davis et al. (US 4,973,491) discloses an electronic sound-generating device. Prior art Saitoh et al. (US 4,478,524) discloses an arrangement of analog-type electronic wristwatch. Prior art Perrot (US 4,362,396) discloses a battery holder for electronic wristwatch. Prior art Umemoto (US 4,251,604) discloses a battery assembly for electronic timepieces. Prior art Benoist et al. (US

Art Unit: 2615

5,392,455) discloses a transducer with integrated switch element. Prior art You et al. (US 5,668,423) discloses an exciter for generating vibration in a pager. Prior art Komiyama (US 4,276,627) discloses a module structure for electronic digital timepiece. The prior art or combination thereof fails to disclose terminals provided on the underside of the case and each of the contact plates extending along a surface of the electrode of the battery, and extending downwardly along a side wall of the case and being inwardly bent at a lower corner of the case and secured to a corresponding terminal. Therefore, the prior art of combination thereof fails to disclose or make obvious a sound generator for a portable device as claimed.

5. Claims 4-10 are allowed due to dependency on claim 11.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US 5,867,090 to Chen discloses a diaphragm buzzer.

US 5,719,549 to Lai discloses a buzzer assembly.

US 5,296,839 to Lu discloses a sound generating apparatus.

US 4,973,491 to Davis et al. discloses an electronic sound generating device.

US 4,478,524 Saitoh et al. discloses an arrangement of analog-type electronic wristwatch.

US 4,362,396 to Perrot discloses a battery holder for electronic wristwatch.

US 4,251,604 to Umemoto discloses a battery assembly for electronic timepieces.

US 5,392,455 to Benoist et al. discloses a transducer with integrated switch element.

US 5,668,423 to You et al. discloses an exciter for generating vibration in a pager.

US 4,276,627 to Komiyama discloses a module structure for electronic digital timepiece.

US 4,726,661 to Parker discloses a flexible resistive heat battery tester and holder.

.Any inquiry concerning this communication or earlier communications from the examiner should be directed to Devona E. Faulk whose telephone number is 571-272-7515. The examiner can normally be reached on 8 am - 5 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vivian Chin can be reached on 571-272-7848.

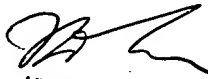
The Art Unit location of your application in the USPTO has changed. To aid in correlating any papers for this application, all further correspondence regarding this

Art Unit: 2615

application should be directed to Art Unit 2615. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

DEF

  
VIVIAN CHIN  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600